09/938,843 **Application Number FORM PTO 1449** August 24, 2001 Filing Date **US Department of Commerce** William B. Dress et al. First Named Inventor Patent and Trademark Office 2877 **Group Art Unit** Unknown **Examiner Name UBAT1330 Attorney Docket** of Sheet 1 Number U.S. PATENT DOCUMENTS **Document Number** Name of Patentee or Examiner **Publication Date** Cite Applicant of Cited Initials No. Document Class Sub-class Kind Code Number Teich et al. 08/18/98 21/63 **G01N A1** 5796477 SAT **A2 A3** A4 **A5** A6 FOREIGN PATENT DOCUMENT Name of Patentee or **Publication Date** Cite **Applicant of Cited** Examiner Kind Code Class Sub-class Country Code Number Initials No. Document **B1 B2** ECH. **B**3 Koylos **B4 B**5 CENTE 2 OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS Examiner Include name of the author, title, source, volume, and page(s). No. Initials Mailed C6 International Search Report for PCT/US02/26832. SAT **(2)**/21/03 Mailed **C7** International Search Report for PCT/US02/26833. 03/21/03 SAT 03/15/93 Larchuck, et al. "Interfering entangled photons of different colors" C8 SAT Physical Review Letters, vol. 70, No. 11, pages 1603-1606. 07/16/97 Shimizu, et al. "Quantum communication with a 2-bit message C9 coding for each transmitted photon" Technical Digest, the Pacific SAT Rim Conference on Lasers and Electro-Optics, pages 790-80. June 2001 et al. "Bell-stated preparation using pulsed **C10** Yoon-Ho, nondegrenerate two-photon entanglement", Physical review, Vol. SAT 63, No. 6, pages 060301/1-4. S. A. TURNER **Date Considered** Examiner

5-13-03

Signature